



**IJIRCCCE**

e-ISSN: 2320-9801 | p-ISSN: 2320-9798



# INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH

IN COMPUTER & COMMUNICATION ENGINEERING

**Volume 9, Issue 6, June 2021**

**ISSN** INTERNATIONAL  
STANDARD  
SERIAL  
NUMBER  
INDIA

**Impact Factor: 7.542**



9940 572 462



6381 907 438



ijircce@gmail.com



www.ijircce.com

# Student Result Management System using PHP

Aarti Deshmukh<sup>1</sup>, Rohan Ashok Chitte<sup>2</sup>, Atharva Gopinath Chavan<sup>2</sup>

Lecturer, Department of Computer Engineering, M.M Polytechnic, Pune, India<sup>1</sup>

Students, Diploma in Computer Engineering, M.M Polytechnic, Pune, India<sup>2</sup>

**ABSTRACT:** The main objective of the project is to provide the examination result to the student in a simple way. This project is useful for students and institutions for getting the results in simple manner. By a result analyzer with subject status and marks is an application tool for displaying the results in secure way. The system is intended for the student. And the privileges that are provided to student are to read and execute his/here result by providing user name and password for secure login and in case of new student the registration is available. And the guest user has the privilege only to read. The whole result analyzer will be under the control of the administrator and the admin as the full privileges to read, write and execute the result. And admin gives the privileges to the Teacher and student and the guest user to access the result. The student can share or download his/here result

**KEYWORDS:** Desktop, Multi User System, Display.

## I. INTRODUCTION

- i. This is PHP and Mysql Project on **Online Student Result Management System using PHP** and it is web based PHP project and by using this system we can manage Student result online. With this system we not only manage student result but also we can manage exam data, subject data, student data and classes data. The main purpose of developing this Student Result Management System in PHP is to reduce the manual errors and convert result system into computerized system.
- ii. An Online Student Result Management System in PHP is a very well organized and appropriate system to utilize. This PHP Student Result Management System is not only for student user but also assist the management which proceed with a large amount of pain to publish the Student results in usual conditions.
- iii. This is PHP Project on Student Result Management System, which will helps us to makes the results easily accessible and student can get result wherever they want and by using whichever devices they can check their result because this full responsive which has use Bootstraps 4 library. From this Result Management System, Student can print their result also because student can download result in PDF format also. One of the major advantage of this Student Result Management System is to makes the process extremely convenient for students also. Under this system Student can search their result using valid roll number.

## II. LITERATURE REVIEW

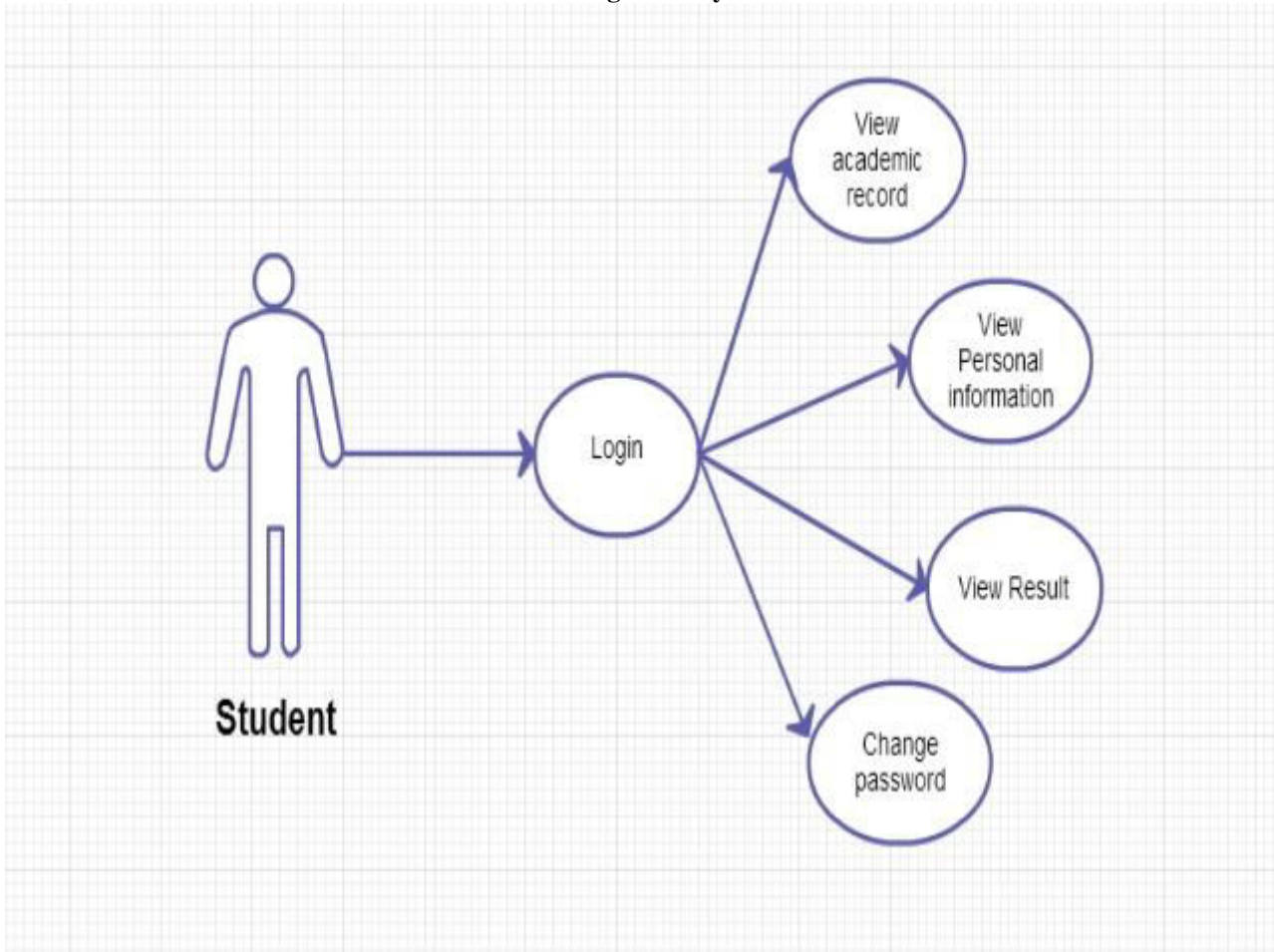
The LMS is an information system used to track student progress, and manage educational records. Many offer other features, such as online registration, assessment tools, collaborative technologies, and payment processing. They also offer tools for creating or importing content. And she also states that, people are so accustomed to social networking and other web applications that it is an easy step to build these tools into an online platform or environment. And referencing Wundenberg (2015), LMS characterizes a complex, often web based software system which pools multiple task specific subprograms under a shared User Interface (UI).

These subprograms support, for instance:

- Allocation and organization of learning content for different learning scenarios
- School administration;
- Information management

### III. DESIGN

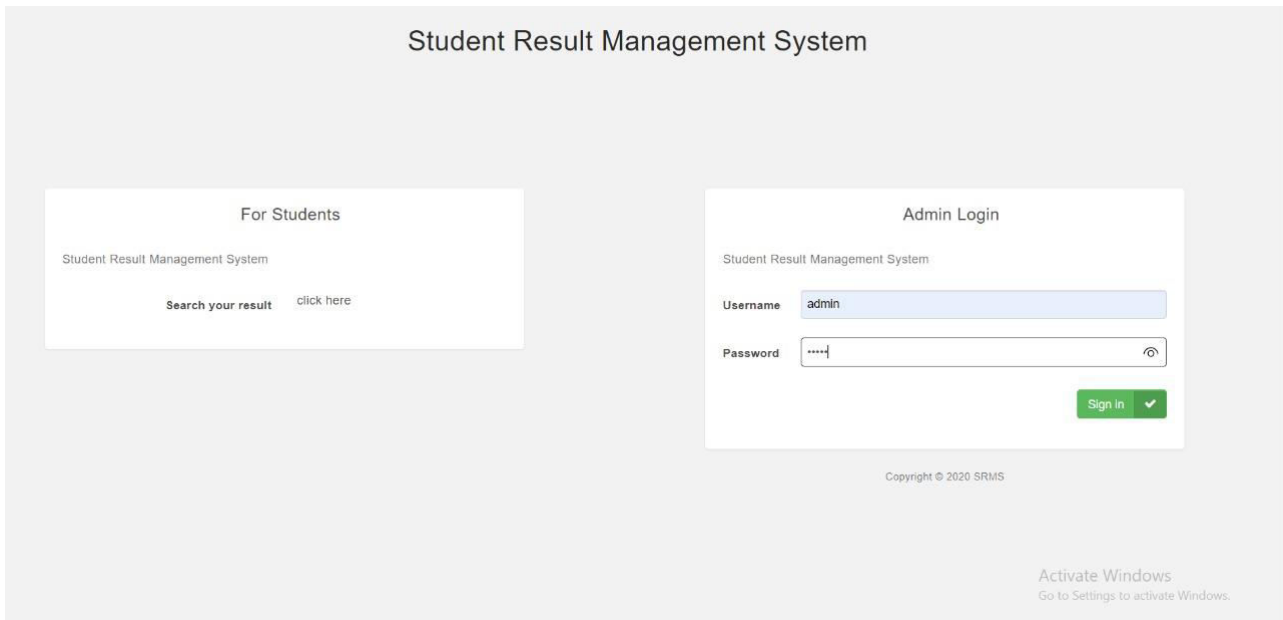
#### 3.1 Architectural model of Student Result management System



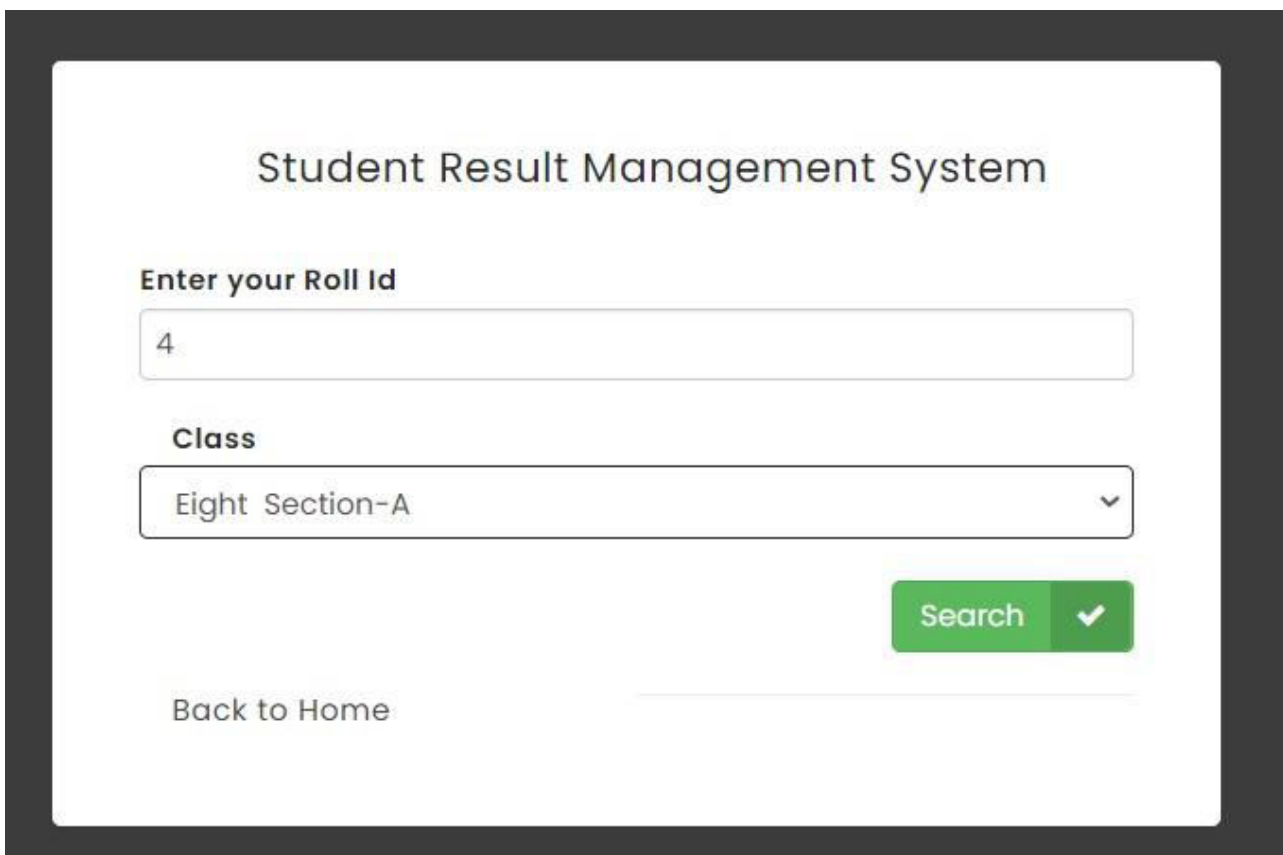
**Fig-1: Architectural model for student result management system**

Systems development is mainly done in two phases, namely, system analysis and design. And this chapter focuses on analysing the research data and describing a logical view of the whole process, by modelling the data analysed in the form of diagrams to visualize the design and specifications of the system in an object-oriented manner. The analysis phase answers the questions of who will use the system, what the system will do, and where and when it will be used. During this phase, the research team investigates any current system(s), identifies opportunities for improvement, and develops a concept for the new system (Dennis, Wixom, & Tegarden, 2015). Referencing Valacich and George (2017), because analysis is a large and involved process, it is divided into two main activities to make the overall process easier to understand: • Requirements determination: a factfinding activity. • Requirements structuring: an activity that creates a thorough and clear description of current business operations and new information processing services.

### 3.2 Outputs of Student Result Management System



**Fig-2: Outputs of Student Result Management System**



**Fig-3: Outputs of Student Result Management System**



The circuit contains Arduino UNO Board, temperature sensor, pulse sensor and the LCD display. In this circuit we use 1k and 2k resistor to control the voltage of power supply for the Arduino Uno board. Pin 1: Ground: Connected to the ground of the circuit. Pin 2: Tx/GPIO – 1: Connected to Rx pin of programmer/usb to upload program. Pin 3: GPIO – 2: General purpose Input/output pin. Pin 4: CH\_EN: Chip Enable/Active high. Pin 5: Flash/GPIO – 0: General purpose Input/output pin. Pin 6: Reset: Resets the module. Pin 7: RX/GPIO – 3: General purpose Input/output pin. Pin 8: Vcc: Connect to +3.3V only

#### IV. STUDENT RESULT MANAGEMENT SYSTEM REQUIREMENTS

##### 4.1 Software Requirement (any one)

- WAMP Server
- XAMPP Server
- MAMP Server
- LAMP Server

##### 4.2 Installation Steps

1. Download zip file and unzip file on your local server.
2. Put this file inside "c:/xampp/htdocs/" .
3. Database Configuration  
Open phpmyadmin  
Create Database named **srms**.  
Import database **srms.sql** from downloaded folder (inside database)
4. Open your browser put inside "[http://localhost/Online examination system/](http://localhost/Online_examination_system/)"

#### V. WORKING

An Online Student Result Management System in PHP is a very well organized and appropriate system to utilize. This PHP Student Result Management System is not only for student user but also assist the management which proceeds with a large amount of pain to publish the student results in usual conditions. This is a PHP Project on Student Result Management System, which will help us to make the results easily accessible and students can get results wherever they want and by using whichever devices they can check their results because this is fully responsive which uses the Bootstrap 4 library. From this Result Management System, students can print their results also because students can download results in PDF format also. One of the major advantages of this Student Result Management System is to make the process extremely convenient for students also. Under this system, students can search their results using valid roll numbers. The main aim of this PHP project is to supply examination results to the student in an easy way. This PHP project is helpful for students and institutions for publishing the results in an easy way.

##### 5.1 Feature of Student Result Management System

1. Students can get results by searching results by entering their roll number.
2. Students can download results in PDF format.
3. This is a Multi User System, One Master User and Master users can create a number of subusers.
4. Master users can see analytics data of total number of results published, total exam data, total student data, total subject data and total classes data.
5. Master users can add, edit, and delete classes data.
6. Master users can enable and disable the status of classes under this system.
7. Master users can add new subjects in particular classes and he or she can also edit or remove subject data also.
8. Master users can enable and disable the status of subjects of particular classes.
9. Master users can add, edit, and delete student data.

#### **Advantages of Student Result Management System.**

1. With student result management system, teachers, professors, and staff can create result analysis reports.
2. Gradebook Management.
3. Exam Timetable Management.
4. Records marks and result on a single database.
5. Add & manage students and Declare Results.

#### **Disadvantages of Student Result Management System.**

1. The student result management system is prone to hacks.
2. Administration cannot edit or modify scores after the deadline.
3. Extensive modules and features make it difficult for a user to utilize the application.
4. Minor technical glitches and issues

### **VI. RESULTS AND CONCLUSION**

The present research was based on the computerization and the implementation of a sophisticated Web-Based Student Result Management System for the Catholic University of Mozambique. The main objective was to enhance and automate the management and declaration of students' results using a computerized system. A well-defined, efficient, controlled and managed information system or software based on web technology storing, processing and providing information through the internet. And the objectives were achieved by following a process model such as system analysis, design and system implementation. The system analysis was composed of two activities, requirement determination and structuring. The first activity focused on the collection of data or requirements through structured interview, work environment observation and by collecting procedures and other written documents.

### **VII. FUTURE WORK**

In near future, the system interface could be improved, with more attractive, interactive and meaningful images; Enhance the system with an email and SMS (Short Message Service) or email notifications; Enhance the current system by computerizing almost all of the services provided by the institution (online exams, enrolment, library and others), turning it into a complete

### **REFERENCES**

1. Darian-Smith, E., & McCarthy, P. (2017). *The Global Turn*. Oakland, CA: University of California Press.
2. Dawson, C. (2015). *Projects in Computing and Information Systems* (3rd ed.). Harlow, England: Pearson.
3. Dennis, A., Wixom, B. H., & Tegarden, D. (2015). *Systems Analysis and Design* (5th ed.). Hoboken, NJ: Wiley Publishing.
4. Dias, S. B., Diniz, J. A., & Hadjileontiadis, L. J. (2014). *Towards an Intelligent Learning Management System Under Blended Learning*. Cham, Switzerland: Springer.
5. <https://doi.org/10.1007/978-3-319-02078-5> Dooley, J. (2017). *Software Development, Design and Coding* (2nd ed.). Galesburg, IL: Apress.
6. Foreman, S. (2018). *The LMS Guidebook*. Alexandria, VA: ATD Press.
7. Freund, S. M., Last, M. Z., Pratt, P. J., Sebok, S. L., Vermaat, M., Campbell, J. T., & Frydenberg, M. (2017). *Discovering computers and Microsoft Office 365, Office 2016*. Boston: Cengage Learning



**INNO**  **SPACE**  
SJIF Scientific Journal Impact Factor  
**Impact Factor: 7.542**



**ISSN** INTERNATIONAL  
STANDARD  
SERIAL  
NUMBER  
**INDIA**



# INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH

IN COMPUTER & COMMUNICATION ENGINEERING

 **9940 572 462**  **6381 907 438**  **ijircce@gmail.com**



[www.ijircce.com](http://www.ijircce.com)

Scan to save the contact details